Inventor: Yuh-Jiuan Lin Serial No.: 09/535,814 Filed: 03/28/2000 For: Method for Fabricating an Olfactory Receptor-Based Biosensor Attorney Doc. No.: 64,600-024 CIP REPLACEMENT SHEET JAN 0 2 2004 1/5 ultimate cellular CYTOSOL response GDP Odorant



For: Method for Fabricating an Olfactory Receptor-Based Biosensor

Attorney Doc. No.: 64,600-024 CIP

REPLACEMENT SHEET

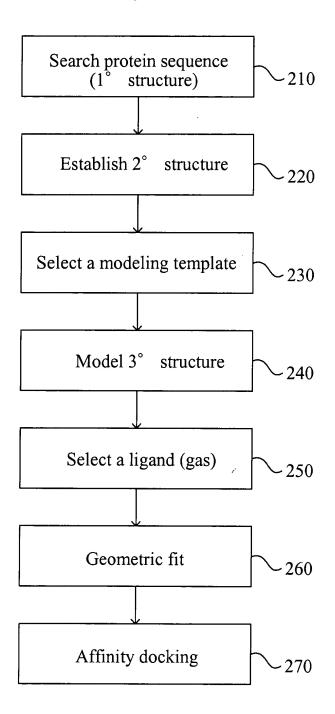


Fig. 2

For: Method for Fabricating an Olfactory Receptor-Based Biosensor Attorney Doc. No.: 64,600-024 CIP

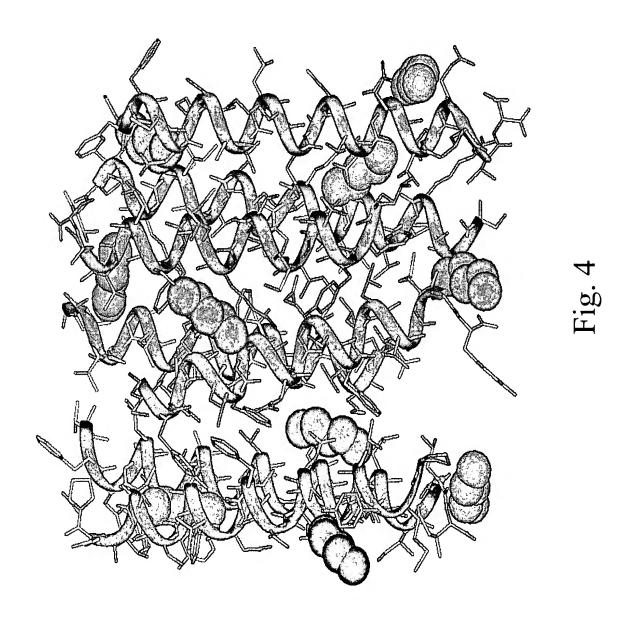
REPLACEMENT SHEET

Length: 313 AA   Molecular weight: 35197 Da   CRCG4: 2BFFE87F1036EEAA   MTEKNQTVVS EFVLGLPID PDQRDLFYAL FLAMYVTTIL GNLLI1VLIQ LDSHLHTPMY	Sequence information	formation				
10	Length: 313,	AA Molec	ılar weight: 3		CRC64: 2BF	FE87F1036EEA
MTEKNOTYVS	10	20	30	40	05	09
10   110   110   110   110   110   110   110   110   110   110   120   130   140   150   160   170   170   190   200   210   220   230   230   230   250   260   270   280   290   250	MTEKNOTVVS	EFVLLGLPID	PDQRDLFYAL	FLAMYVTTIL	GNLL I I VL I Q	LDSHLHTPMY
LFLSNLSFSD LCFSSVTMPK LLQNMQSQVP SIPYAGCLTQ MYFFLFFGDL ESFLLVAN  130	70	08	06	100	110	120
130	LFLSNLSFSD	LCFSSYTMPK	TLONMOSQVP	SIPYAGCLTQ	MYFFLFFGDL	ESFLLVAMAY
DRYVAICFPL HYTTIMSPKL CFSLLVLSWY LTMFHAVLHT LLMARLCFCA NTIPHFPG  190 200 210 220 230 230 230 250 250 250 250 250 250 250 250 270 280 290 250 250 250 250 250 250 250 250 250 25	130	140		160	170	180
190 200 210 220 230 3	DRYVAICFPL	HYTTIMSPKL	CFSLLVLSWV	LTMFHAVLHT	LLMARLCFCA	NTIPHFFCDM
SALLKLACSD TQVNELVIFI MCGLILVIPF LLIITSYARI VSSILKVPSA IGICKVF;  250 270 280 290  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	190	200		220	230	240
250 260 270 280 290	SALLKLACSD	TQVNELVIFI	MCGLILVIPF	LLIITSYARI	VSSILKVPSA	IGICKVFSTC
GSHLSVVSLF YGTVIGLYLC PSANNSTVKE TIMAMMYTVV TPMLNPFIYS LRNKDMK(	250	260	. 1	280	290	300
310	CSHLSVVSLF	YGTV IGLYLC	PSANNSTVKE	TIMAMMYTVV	I TPMLNPFIYS	I LRNKDMKGAL
	310					
RRVICRKKIT FSV	RRYICRKKIT	FSV				



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